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Powertec Wideband 4G-5G Hinged Antenna, 700 to 3800 MHz, SMA Male

SKU
ACC-PT-00391
MPN
ACC-PT-00391
Barcode
9337692004568

Description

The VHT-6938-2 is an economical terminal antenna covering a wide range of 4G LTE and 5G NR frequencies between 700 and 3800 MHz. Most notably the antenna covers all common 3G and 4G bands, along with n78 (3500 MHz) used in most 5G networks across the globe.

Designed for terminals and routers, the antenna offers an articulated SMA connector for flexible positioning and a sleek profile for low visual impact. The antenna demonstrates stable omnidirectional performance with 2 to 3 dBi gain across the bands.

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This model of antenna is quickly being used as a drop-in replacement for older designs that aren't compatible with 5G. The unit is economically priced, with discount tiers at 100, 1000, and 5000 units, making it an exceptional choice for mass-deployment.



Powertec

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Specification

Start Frequency
698 MHz
Stop Frequency
3800 MHz
Max. Input Power
10 W
Polarisation
Linear
Input Impedance
50 Ω
RF Connectors

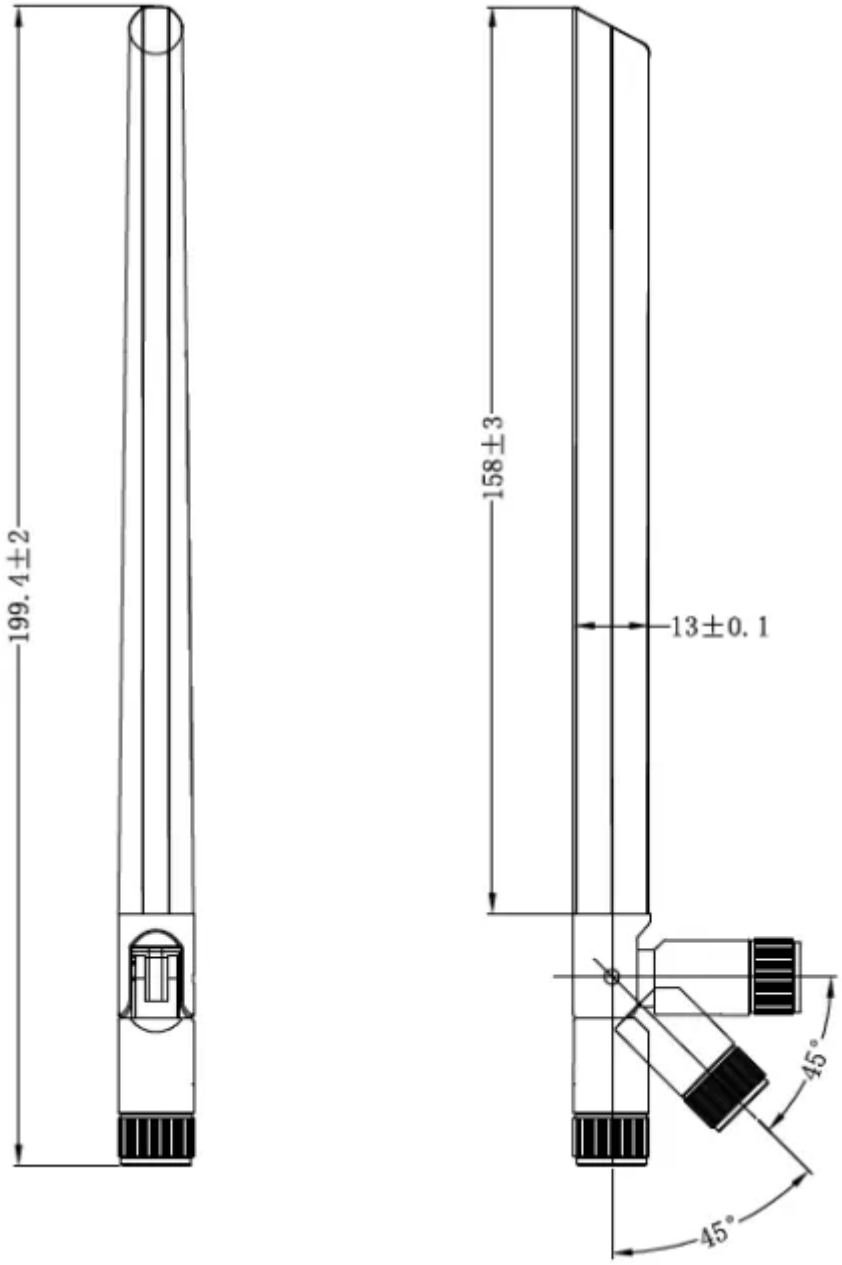
Ports	RF Interface	Body Shape
1	SMA Male	Straight

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR
698 MHz	960 MHz	2 dBi	< 3:1
1695 MHz	2690 MHz	3 dBi	< 3:1
3300 MHz	3800 MHz	3 dBi	< 2.6:1

Physical Specification

Subtype
Hinged Terminal
Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-35 °C
Max. Operating Temperature
70 °C
Dimensions
198 x 37.3 x 13
Materials
ABS Plastic, Thermoplastic Elastomer (TPE)
Mounting
Terminal / Device
Weight
0.04 kg
Drawing



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